PKGKH-IV-5

5 kVA Diesel Genset

A 5 kVA single-phase CPCB IV+ diesel genset with a Kohler KD15-441GSI4 engine, in an acoustic canopy below 75 dB(A) at 1 m.



Technical specifications

Genset

Prime rating (kVA / kWe)	5 kVA / 5 kWe
Power factor	1
Phase and voltage	1-phase, 230 V
Frequency	50 Hz
Noise	Less than 75 dB(A) at 1 m
Emission norm	CPCB IV+
Model code	PKGKH-IV-5

Fuel

Tank capacity (L)	100
Tank	CRCA steel, removable, bunded

Dimensions and weight

L × W × H (mm)	1,156 × 700 × 1,028
Dry weight (kg)	220

Engine

Make	Kohler
Model	KD15-441GSI4
Gross power (bHp)	8.18
Cylinders	1
Aspiration	Naturally aspirated
Speed (rpm)	3,000
Cooling	Air cooled

Alternator

Make and model	S20W-95
Type	Brushless, self-excited

Enclosure

Construction	1.2 mm sheet steel, acoustic foam lining (28 kg/m³)

Electrical

Controller	DEIF SGC 120 MKII
Battery (V)	12
Battery capacity	45 Ah

Key features

Kohler KD15-441GSI4 engine
1-cylinder, naturally aspirated, air cooled, 8.18 bHp at 3,000 rpm.

S20W-95 alternator
Brushless and self-excited, with Class H insulation and IP23 protection.

Acoustic canopy below 75 dB(A) at 1 m
1.2 mm sheet steel, acoustic foam lining (28 kg/m³).

DEIF SGC 120 MKII controller
Automatic start and stop, run-hour and energy counters, and protections for over- and under-voltage, over-current, over-speed, lube oil pressure, coolant temperature and fuel theft.

100 L fuel tank
CRCA steel, removable, bunded tank.

CPCB IV+ compliant
Meets India's CPCB IV+ emission norms for gensets up to 800 kW.

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